ZyXEL M-202

XtremeMIMO 802.11b/g Wireless USB Adapter

Quick Start Guide

Version 1.0
February 2006

Important Information

Federal Communications Commission (FCC) Interference Statement

The 802.11g Wireless LAN Adapter has been tested to the FCC exposure requirements (Specific Absorption Rate).

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment, under 47 CFR 2.1093 paragraph (d) (2).

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Refer to the User's Guide for general FCC statements.

Procedure to View a Product's Certification(s)

1. Go to www.us.zyxel.com
2. Select your product from the drop-down list box on the ZyXEL home page to go to that product's page.
3. Select the certification you wish to view from this page.

About Your ZyXEL M-202

The ZyXEL M-202 is an IEEE 802.11 b/g compliant wireless LAN USB stick that fits into any USB slot. With the ZyXEL M-202, you can enjoy the wireless mobility within the coverage area. The ZyXEL XtremeMIMO technology provides greater range and offers transmission rate at up to 54 Mbps. Actual speeds attained also depend on the distance from the AP, noise, etc.

1. Installation Requirements

Before installation, make sure you have a computer with the following:

- Pentium II 300MHz or above
- A minimum of 20 MB available hard disk space
- 32MB RAM (64MB Recommended)
- A CD-ROM drive
- A USB port (with USB1.0/1.1, the ZyXEL M-202 can only transmit up to 11Mbps.)
- Windows XP or 2000 Operating Systems

Windows XP Users

Wireless Zero Configuration (WZC) is a wireless configuration utility bundled with Windows XP. If you are a Windows XP user and wish to use WZC instead of the bundled ZyXEL Utility, then you can either:

Install the ZyXEL Utility and then disable it (selecting "Use Windows Zero Configuration" by first right clicking

the Z icon in the system tray)

OR

Install the driver only. In this case, you must connect the ZyXEL M-202 first.

2. ZyXEL Utility and Hardware Installation

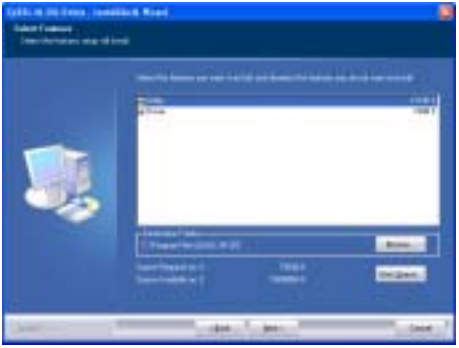
The installation procedures are similar for all supported Windows versions. Windows XP screen shots are shown unless otherwise specified.

> **Install the ZyXEL Utility before you install the ZyXEL M-202.**

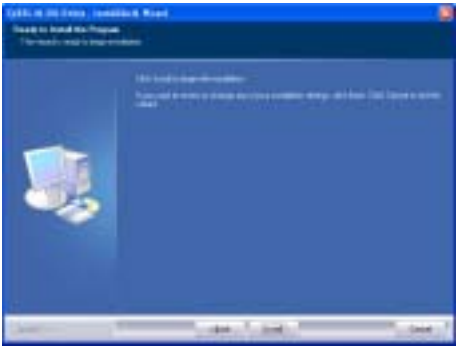
1. Insert the support CD into the CD-ROM drive on your computer. The CD automatically runs. Otherwise, locate and double-click **setup.exe** on the support CD.
2. Click **Setup** to start installation.

3. A Welcome screen displays. Click **Next.**

4. To install ZyXEL Utility, select **Utility** and **Driver** checkbox. Click **Next** to accept the default file location or click Browse to select an alternate folder.



5. Click the **Install** button to begin the installation.



6. Click **Finish** to restart the computer.

7. Insert your ZyXEL M-202 into an available USB port on the computer by using the provided USB cable.

8. The LEDs will turn on if the ZyXEL M-202 is properly inserted.

Never bend, force or twist the ZyXEL M-202 USB cable into the slot.

9. After you install the ZyXEL Utility and insert the ZyXEL M-202, an ZyXEL icon appears in the system tray.

10. Double click the Z icon to configure your wireless adapter.

3. Driver Installation for Windows XP

1. Insert the ZyXEL M-202 to an available USB port on the computer. The LINK LED turns on if the ZyXEL M-202 is properly inserted.
2. The **Found New Hardware Wizard** window appears. Select **Install from a list of specific location (Advanced)** and click **Next**.

3. Insert the included CD into your CD-ROM drive, select Search removable media (floppy, CD-ROM…) and then click **Next**.

4. After the driver has been installed successfully, click **Finish** to complete the installation.

Refer to the *User's Guide* to configure the ZyXEL M-202.

4. LED Display

The following table describes the LEDs on the ZyXEL M-202.

LED / COLOR	LEDS BEHAVIOR	
Right Antenna Green	ON	The Antenna Right is active
	OFF	The Antenna Right is inactive
Center Antenna Green	ON	The Antenna Center is active
	OFF	The Antenna Center is inactive
Left Antenna Green	ON	The Antenna Left is active
	OFF	The Antenna Left is inactive

LED / COLOR		LEDS BEHAVIOR	
LINK	LINK Green	ON	The M-202 is powered or M-202 is wirelessly associated with an AP/Router
		Blinking Slowly	Wireless connection is not associated with any AP/Router
		Blinking Quickly	The M-202 is receiving or sending data

5. Troubleshooting

PROBLEM	CORRECTIVE ACTION
Windows does not auto-detect the ZyXEL M-202.	Make sure the ZyXEL M-202 is properly connected via the USB slot and then restart your computer. Once the computer has restarted, check the status of the LEDs on the ZyXEL M-202.
	Perform a hardware scan by clicking **Start**, **Settings**, **Control Panel** and then double-click **Add/Remove Hardware**. (Steps may vary depending on which Windows version you use). Follow the on-screen instructions to search for the ZyXEL M-202 and install the driver.
	Check for possible hardware conflicts. In Windows, click **Start**, **Settings**, **Control Panel**, **System**, **Hardware** and then click **Device Manager**. Verify the status of the ZyXEL M-202 under **Network Adapter**. (Steps may vary depending on the Windows version).
	Install the ZyXEL M-202 in another computer. If the error persists, there may be a hardware problem. In this case, please contact ZyXEL customer support at **800-978-7222** or on the web at **http://www.us.zyxel.com**.

6. Customer Support

Please have the following information ready when you contact customer support.

- **Serial number** for your specific product
- **Warranty Information**
- **Date** that you received or purchased your device
- **Brief description** of the problem including any steps that you have taken before contacting the ZyXEL Customer Support Representative

SUPPORT E-MAIL	TELEPHONE	WEB SITE
support@zyxel.com	+1-800-978-7222	www.us.zyxel.com